

STATE OF UTAH
DEPARTMENT OF NATURAL RESOURCES
DIVISION OF OIL, GAS AND MINING

FORM 3

AMENDED REPORT ☐

APPLICATION FOR PERMIT TO DRILL						1. WELL NAME and NUMBER Ute Tribal 31-08			
2. TYPE OF WORK DRILL NEW WELL <input checked="" type="checkbox"/> REENTER P&A WELL <input type="checkbox"/> DEEPEN WELL <input type="checkbox"/>						3. FIELD OR WILDCAT ANTELOPE CREEK			
4. TYPE OF WELL Oil Well Coalbed Methane Well: NO						5. UNIT or COMMUNITIZATION AGREEMENT NAME ANTELOPE CREEK			
6. NAME OF OPERATOR PETROGLYPH OPERATING CO						7. OPERATOR PHONE 208 685-7685			
8. ADDRESS OF OPERATOR 960 Broadway Avenue, Ste 500, Boise, ID, 83703						9. OPERATOR E-MAIL ppowell@pgei.com			
10. MINERAL LEASE NUMBER (FEDERAL, INDIAN, OR STATE) 1420H623520			11. MINERAL OWNERSHIP FEDERAL <input type="checkbox"/> INDIAN <input checked="" type="checkbox"/> STATE <input type="checkbox"/> FEE <input type="checkbox"/>			12. SURFACE OWNERSHIP FEDERAL <input type="checkbox"/> INDIAN <input checked="" type="checkbox"/> STATE <input type="checkbox"/> FEE <input type="checkbox"/>			
13. NAME OF SURFACE OWNER (if box 12 = 'fee')						14. SURFACE OWNER PHONE (if box 12 = 'fee')			
15. ADDRESS OF SURFACE OWNER (if box 12 = 'fee')						16. SURFACE OWNER E-MAIL (if box 12 = 'fee')			
17. INDIAN ALLOTTEE OR TRIBE NAME (if box 12 = 'INDIAN') Ute Indian Tribe			18. INTEND TO COMMINGLE PRODUCTION FROM MULTIPLE FORMATIONS YES <input type="checkbox"/> (Submit Commingling Application) NO <input checked="" type="checkbox"/>			19. SLANT VERTICAL <input type="checkbox"/> DIRECTIONAL <input checked="" type="checkbox"/> HORIZONTAL <input type="checkbox"/>			

20. LOCATION OF WELL	FOOTAGES	QTR-QTR	SECTION	TOWNSHIP	RANGE	MERIDIAN
LOCATION AT SURFACE	2442 FSL 1001 FEL	NESE	31	5.0 S	3.0 W	U
Top of Uppermost Producing Zone	1980 FNL 660 FEL	SENE	31	5.0 S	3.0 W	U
At Total Depth	1980 FNL 660 FEL	SENE	31	5.0 S	3.0 W	U

21. COUNTY DUCHESNE		22. DISTANCE TO NEAREST LEASE LINE (Feet) 1001		23. NUMBER OF ACRES IN DRILLING UNIT 640	
		25. DISTANCE TO NEAREST WELL IN SAME POOL (Applied For Drilling or Completed) 1446		26. PROPOSED DEPTH MD: 6337 TVD: 6219	
27. ELEVATION - GROUND LEVEL 6806		28. BOND NUMBER LPM4138336		29. SOURCE OF DRILLING WATER / WATER RIGHTS APPROVAL NUMBER IF APPLICABLE 43-8342	

Hole, Casing, and Cement Information										
String	Hole Size	Casing Size	Length	Weight	Grade & Thread	Max Mud Wt.	Cement	Sacks	Yield	Weight
Cond	20	14	0 - 53	5.0	Unknown	10.0	Class G	25	1.17	15.8
Surf	12.25	8.625	0 - 493	24.0	J-55 ST&C	10.0	Class G	226	1.17	15.8
Prod	7.875	5.5	0 - 6337	15.5	J-55 LT&C	10.0	Class G	483	1.92	12.5
							Class G	343	1.46	13.4

ATTACHMENTS

VERIFY THE FOLLOWING ARE ATTACHED IN ACCORDANCE WITH THE UTAH OIL AND GAS CONSERVATION GENERAL RULES

<input checked="" type="checkbox"/> WELL PLAT OR MAP PREPARED BY LICENSED SURVEYOR OR ENGINEER	<input checked="" type="checkbox"/> COMPLETE DRILLING PLAN
<input type="checkbox"/> AFFIDAVIT OF STATUS OF SURFACE OWNER AGREEMENT (IF FEE SURFACE)	<input type="checkbox"/> FORM 5. IF OPERATOR IS OTHER THAN THE LEASE OWNER
<input type="checkbox"/> DIRECTIONAL SURVEY PLAN (IF DIRECTIONALLY OR HORIZONTALLY DRILLED)	<input checked="" type="checkbox"/> TOPOGRAPHICAL MAP

NAME Ed Trotter		TITLE Agent	PHONE 435 789-4120
SIGNATURE		DATE 04/14/2014	EMAIL edtrotter@easilink.com
API NUMBER ASSIGNED 43013529240000		APPROVAL Permit Manager	

T5S, R3W, U.S.B.&M.

PETROGLYPH OPERATING CO., INC.

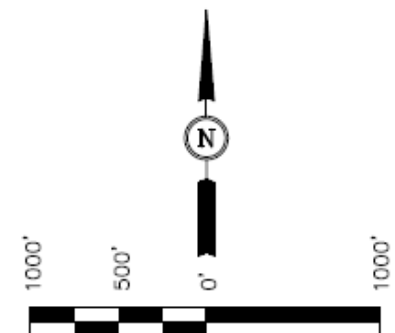
Well location, UTE TRIBAL #31-08, located as shown in the NE 1/4 SE 1/4 of Section 31, T5S, R3W, U.S.B.&M., Duchesne County, Utah.

BASIS OF ELEVATION

BRASS CAP SET IN CONCRETE BY SUNRISE ENGINEERING
LOCATED IN THE SE 1/4 OF SECTION 8, T5S, R3W, U.S.B.&M.
SAID ELEVATION IS MARKED AS BEING 6191.3 FEET.

BASIS OF BEARINGS

BASIS OF BEARINGS IS A G.P.S. OBSERVATION.



SCALE

CERTIFICATE

THIS IS TO CERTIFY THAT THE ABOVE PLAN WAS PREPARED FROM
FIELD NOTES OF ACTUAL SURVEYS MADE BY ME OR UNDER MY
SUPERVISION AND THAT THE SAME ARE TRUE AND CORRECT TO THE
BEST OF MY KNOWLEDGE AND BELIEF.

REGISTERED LAND SURVEYOR
REGISTRATION NO. 161319
STATE OF UTAH

UINTAH ENGINEERING & LAND SURVEYING

85 SOUTH 200 EAST - VERNAL, UTAH 84078

(435) 789-1017

SCALE
1" = 1000'

DATE SURVEYED: 10-23-13	DATE DRAWN: 11-05-13
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REFERENCES
G.L.O. PLAT

WEATHER	COOL
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FILE	PETROGLYPH OPERATING CO., INC. 10000 10TH AVE. S.W. ALBUQUERQUE, N.M. 87124 505-263-1100 505-263-1101 505-263-1102 505-263-1103 505-263-1104 505-263-1105 505-263-1106 505-263-1107 505-263-1108 505-263-1109 505-263-1110 505-263-1111 505-263-1112 505-263-1113 505-263-1114 505-263-1115 505-263-1116 505-263-1117 505-263-1118 505-263-1119 505-263-1120 505-263-1121 505-263-1122 505-263-1123 505-263-1124 505-263-1125 505-263-1126 505-263-1127 505-263-1128 505-263-1129 505-263-1130 505-263-1131 505-263-1132 505-263-1133 505-263-1134 505-263-1135 505-263-1136 505-263-1137 505-263-1138 505-263-1139 505-263-1140 505-263-1141 505-263-1142 505-263-1143 505-263-1144 505-263-1145 505-263-1146 505-263-1147 505-263-1148 505-263-1149 505-263-1150 505-263-1151 505-263-1152 505-263-1153 505-263-1154 505-263-1155 505-263-1156 505-263-1157 505-263-1158 505-263-1159 505-263-1160 505-263-1161 505-263-1162 505-263-1163 505-263-1164 505-263-1165 505-263-1166 505-263-1167 505-263-1168 505-263-1169 505-263-1170 505-263-1171 505-263-1172 505-263-1173 505-263-1174 505-263-1175 505-263-1176 505-263-1177 505-263-1178 505-263-1179 505-263-1180 505-263-1181 505-263-1182 505-263-1183 505-263-1184 505-263-1185 505-263-1186 505-263-1187 505-263-1188 505-263-1189 505-263-1190 505-263-1191 505-263-1192 505-263-1193 505-263-1194 505-263-1195 505-263-1196 505-263-1197 505-263-1198 505-263-1199 505-263-1200 505-263-1201 505-263-1202 505-263-1203 505-263-1204 505-263-1205 505-263-1206 505-263-1207 505-263-1208 505-263-1209 505-263-1210 505-263-1211 505-263-1212 505-263-1213 505-263-1214 505-263-1215 505-263-1216 505-263-1217 505-263-1218 505-263-1219 505-263-1220 505-263-1221 505-263-1222 505-263-1223 505-263-1224 505-263-1225 505-263-1226 505-263-1227 505-263-1228 505-263-1229 505-263-1230 505-263-1231 505-263-1232 505-263-1233 505-263-1234 505-263-1235 505-263-1236 505-263-1237 505-263-1238 505-263-1239 505-263-1240 505-263-1241 505-263-1242 505-263-1243 505-263-1244 505-263-1245 505-263-1246 505-263-1247 505-263-1248 505-263-1249 505-263-1250 505-263-1251 505-263-1252 505-263-1253 505-263-1254 505-263-1255 505-263-1256 505-263-1257 505-263-1258 505-263-1259 505-263-1260 505-263-1261 505-263-1262 505-263-1263 505-263-1264 505-263-1265 505-263-1266 505-263-1267 505-263-1268 505-263-1269 505-263-1270 505-263-1271 505-263-1272 505-263-1273 505-263-1274 505-263-1275 505-263-1276 505-263-1277 505-263-1278 505-263-1279 505-263-1280 505-263-1281 505-263-1282 505-263-1283 505-263-1284 505-263-1285 505-263-1286 505-263-1287 505-263-1288 505-263-1289 505-263-1290 505-263-1291 505-263-1292 505-263-1293 505-263-1294 505-263-1295 505-263-1296 505-263-1297 505-263-1298 505-263-1299 505-263-1300 505-263-1301 505-263-1302 505-263-1303 505-263-1304 505-263-1305 505-263-1306 505-263-1307 505-263-1308 505-263-1309 505-263-1310 505-263-1311 505-263-1312 505-263-1313 505-263-1314 505-263-1315 505-263-1316 505-263-1317 505-263-1318 505-263-1319 505-263-1320 505-263-1321 505-263-1322 505-263-1323 505-263-1324 505-263-1325 505-263-1326 505-263-1327 505-263-1328 505-263-1329 505-263-1330 505-263-1331 505-263-1332 505-263-1333 505-263-1334 505-263-1335 505-263-1
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[illegible]

LEGEND:

| = 90° SYMBOL

● = PROPOSED WELL HEAD.

▲ = SECTION CORNERS LOCATED.

NAD 83 (TARGET BOTTOM HOLE)	NAD 83 (SURFACE LOCATION)
LATITUDE = 40°00'17.75" (39.004931)	LATITUDE = 40°00'09.35" (40.002597)
LONGITUDE = 110°15'30.87" (110.258575)	LONGITUDE = 110°15'35.24" (110.259789)
NAD 27 (TARGET BOTTOM HOLE)	NAD 27 (SURFACE LOCATION)
LATITUDE = 40°00'17.89" (40.004969)	LATITUDE = 40°00'09.49" (40.002636)
LONGITUDE = 110°15'28.32" (110.257867)	LONGITUDE = 110°15'32.68" (110.259078)